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2. [Sensory **analysis** of Spanish mandarin juices. Selection of attributes and panel performance.](#) By: Carbonell, L.; Izquierdo, L.; Carbonell, L.. Food **Quality** & Preference, Mar2007, Vol. 18 Issue 2, p329-341, 13p; DOI: 10.1016/j.foodqual.2006.02.008; (AN 22794906)
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Document Type: Article

Subject Terms: [*CITRUS](#)
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Abstract: Abstract: The aim of this work is to develop a list of descriptors to evaluate fresh and processed mandarin juices by the conventional sensory profile method and to select a group of assessors for future research in this field. Descriptors to evaluate fresh juices were generated by triadic elicitation (Repertory Grid method) performed by 20 assessors with five samples of juices. Next, each assessor quantified the intensity of the elicited descriptors in 12 juice samples, using individual charts including only those attributes that she/he chose. Data were studied by Generalized Procrustes *analysis* to select the most suitable attributes. Descriptors to evaluate processed juices were generated using a previous list. A total of 29 descriptors constituted the final list. A group of 11 judges participated in discussion sessions to establish consensus terms and definitions for these descriptors, to fix anchor terms for unstructured scales, and to obtain consensus scores of a reference sample. The results of a conventional sensory profile carried out by these 11 judges with nine samples, including fresh and processed mandarin and orange juices, showed acceptable panel performance.

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
10673732	Not Issued	30	09/29/2003	Image/optical analysis of citrus pulp	PARENTE, JULIANA
10727128	Not Issued	41	12/03/2003	In-line process for preparing calcium-supplemented juice beverages	PARENTE, JULIANA

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
10376011	Not Issued	41	02/27/2003	Gelled juice product and method of making the same	DICICCO, JENNIFER
10673732	Not Issued	30	09/29/2003	Image/optical analysis of citrus pulp	DICICCO, JENNIFER
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